
0600Bm--Jack Fitz Cruise 02 MAY 21-31 2010

****DATA SOURCE****

Data were compiled from surveys conducted in the Gulf of Mexico.

****DATA COLLECTION PURPOSE****

Natural Resource Damage Assessment

****DATA USE QUALIFICATION****

These data are a subset of samples collected on Jack Fitz Cruise 02. As more data become available, they will be added to this data set.

Values for concentration and detection limit should be interpreted to 3 significant figures.
Values for reporting limits should be interpreted to 1 significant figure.

****STUDY****

The data include water and oil chemistry data. Oil chemistry data are stored in the smptar/chemtar tables, and are reported with solid units.

****STATION****

StationIDs are based on the Grid locations recorded in the NOAA Field Sampling Information database, plus a sequential number used for each distinct latitude/longitude position reported. Datum WGS84.

****SAMPLES AND REPLICATES****

The original SampleIDs reported by the lab from the Chain-of-Custody is stored in the ExSampleID field. Whole water samples noted with a *ww* as part of the FldSampleID, and VOA samples (unfiltered, with a *wv* as part of the FldSampleID) are represented with matrix of "WH." Filtered (dissolved) samples were noted with a 'wd' in the original sampleID, a "F" at the end of the Query Manager SampleID, and coded with a Matrix of "DS." Particulate samples are noted with a *wp* in the original sampleID, coded with a "P" at the end of the sampleID, and a Matrix of "PT." Note that the particulate fraction represents the filter that has been analyzed after flushing with a volume of water; thus the concentrations are provided in a liquid basis.

The collection depth of water samples in the fields UDepth and LDepth are reported in meters.

The default labrep code "1A" was used for most data. Lab duplicates are noted with a "2" as the first letter of the labrep.

Several analytes are reported from 2 different analytical methods. The "preferred" result (usually with lower detection limits) is given the default labrep code (e.g., "1A" or "2A"). The results from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX")

The following chemcode/analytes were measured using two methods:

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Total Saturated Hydrocarbons by GC/FID | 8015M

AHCN_C09/ Nonane

AHCN_C10/ Decane

AHCN_C11/ Undecane

AHCN_C12/ Dodecane

AHCN_C13/ Tridecane

The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M

BTHIOPHNE/ Benzo(b)thiophene

METHNAP_1/ 1-Methylnaphthalene

METHNAP_2/ 2-Methylnaphthalene

NAPTHALENE/ Naphthalene

The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Alpha Lab Analytical Methods:

Total Saturated Hydrocarbons by GC/FID | 8015M | SOP. 0-003 Rev. 5 (abbreviated as 8015 M - Tot Sat. HC - GC/FID)

Alkylated Polynuclear Aromatic Hydrocarbons | 8270M | SOP. 0-008 Rev. 6 (abbreviated as 8270 M - Alkylated PAHs)

PIANO Volatile Hydrocarbons by GC/MS | 8260M | SOP. 0-019 Rev. 2 (abbreviated as 8260 M - PIANO VolHC - GC/MS)

****SUMMED PARAMETERS****

No sums were calculated.

****QUALIFIERS****

Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation. If no validation was completed (LSU lab data), the qualifiers are those assigned by the lab. Descriptions of the data qualifiers are included in the data dictionary.

"F" (found) qualifiers were added by the data validators, where the lab reported concentration was below the method detection limit (see DL field).

****OTHER****

The original analyte in Alpha lab EDDs reported as Benzo(k)fluoranthene was identified by the data validators to be a coelution of Benzo(k)fluoranthene and Benzo(j)fluoranthene. Therefore, the chemical data for the original Benzo(k)fluoranthene results have been assigned a chemical code for Benzo(j+k)fluoranthene.

The original analyte in Alpha lab EDDs reported as "Total Petroleum Hydrocarbons (C9-C44)" was proposed to need further distinction based on information acquired from the data validators. The analyte was not subjected to silica gel cleanup; thus, it was suggested that the results

represented "Total Extractable Matter (C9-C44)". This is the chemical code/chemical name used to report these original total petroleum hydrocarbon results in the final chemistry tables.